

July 1994

IMPORT HEALTH REQUIREMENTS OF KOREA FOR BOVINE EMBRYOS EXPORTED FROM THE UNITED STATES

The embryos must be accompanied by a U.S. Origin Health Certificate issued by a veterinarian authorized by the U.S. Department of Agriculture (USDA) and endorsed by a Veterinary Services (VS) veterinarian. The certificate shall contain the name and address of both the consignor and consignee and complete identification of the donor dam and donor sire. Additional information shall include:

CERTIFICATION STATEMENTS

1. The United States is free of foot-and-mouth disease, rinderpest, and contagious bovine pleuropneumonia.
2. The embryos for export are of grade A or grade B according to the classification established by the International embryo transfer society and zona pellucidae of the embryos for export are intact.
3. During the 6 months preceding the collection of the embryos and semen, the donor animals have been reared and the embryos collected at premises that were free of clinical evidence of vesicular stomatitis, bluetongue, brucellosis, tuberculosis, Johne's disease, leptospirosis, bovine virus diarrhea (BVD), infectious bovine rhinotracheitis/infectious pustular vulvovaginitis (IBR/IPV), campylobacter fetus, trichomoniasis and bovine leukosis.
4. Babesiosis (*B.bigemina* and *B.bovis*), theileriosis (*T.parva* and *T.annulata*) and akabane have not occurred in the United States during the last 2 years.
5. The semen and embryo collection centers for the production of these embryos for exportation have been periodically inspected and supervised by a USDA veterinarian or a veterinarian accredited by USDA.
6. The recovery medium and the storage medium, etc. used for collecting and processing the exported embryos were free of infectious disease agents of animals.
7. All procedures related to the production and storage of the embryos have been done in such a way to avoid contamination by a causative agent of infectious diseases of domestic animals.

TEST REQUIREMENTS

The donor cow shall be subject to the following tests and examinations with negative results within the 90 days prior to the collection of the embryos for export and the donor sire will have these tests conducted with negative results within 6 months prior to the date of semen collection: (list date of test and inspection)

1. Vesicular stomatitis : Complement fixation test at 1:5 dilution or serum neutralization test at 1:8 dilution
2. Bluetongue : Complement fixation test at 1:5 dilution or ELISA test or AGID test
3. Brucellosis : Standard plate or standard tube test at 1:50 dilution (less than 50 IU/ml)
4. Tuberculosis : Intradermal tuberculin test in the caudal fold using bovine PPD
5. Johne's disease : Intradermal Johnin test or complement fixation test
6. Leptospirosis : Microtiter agglutination test at 1:100 dilution for serotypes *L. pomona*, *L. hardjo*, *L. canicola*, *L. grypotyphosa* and *L. icterohaemorrhagiae*
7. IBR/IPV : Serum neutralization test at the 1:8 dilution
8. Vibriosis : Culture of vaginal mucus and preputial specimens
9. Trichomoniasis : Microscopic examination and culture of vaginal mucus and preputial specimens
10. Bovine leukosis : Agar gel immunodiffusion (AGID) test
11. Anaplasmosis : Complement fixation test at 1:5 dilution
12. BVD : Serum neutralization test at the 1:8 dilution

OTHER INFORMATION

1. Ampoules or straws used for packaging the exported embryo shall be marked with the identification number of the donor animals. The container holding the ampoules/straws should be sealed prior to shipment.

2. All of the materials used for the production and storage of the embryos have been authorized by USDA.
3. The following information must appear on the health certificate:
 - a. Date of semen collection
 - b. Date of inspection (tests) for the donor animals
 - c. Breed, sex, age, and registration of donor animals
 - d. Name and address of embryo transfer center/semen distribution center (AI center)
 - e. Breeding date and freezing date of the embryo
 - f. Vaccine type and vaccination date (if any of the donor animals were vaccinated for any diseases within the 6 month period prior to collection of the embryo or semen)